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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,127	12/15/2003	Jose La Rosa Ducato	P03,0574	3610

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SCHIFF HARDIN & WAITE
Patent Department
6600 Sears Tower
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EXAMINER

HUYNH, CONG LAC T

ART UNIT	PAPER NUMBER
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2178

MAIL DATE	DELIVERY MODE
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07/10/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/736,127	DUCATO ET AL.	
	Examiner	Art Unit	
	Cong-Lac Huynh	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 41,46-49 and 54-56 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 41,46-49 and 54-56 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>4/20/07</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: amendment filed 4/20/07 to the application filed on 12/15/03, priority 12/20/02.
2. Claims 1-40, 42-45, 50-53 are canceled.
3. Claims 41, 46-49, 54-56 are pending in the case. Claims 41 and 49 are independent claims.
4. The rejections of claims 41 and 49 under 35 U.S.C. 102(b) as being anticipated by Ooishi have been withdrawn in view of the amendment.
5. The rejections of claims 46-48, 54-56 under 35 U.S.C. 103(a) as being unpatentable over Ooishi and further in view of Manning have been withdrawn in view of the amendment.

Priority

6. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

9. Claims 41 and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ooishi et al. (US 5,699,524, 12/16/97) in view of Hohensee et al. (US 6,407,821, 6/18/02, filed 9/8/98).

Regarding independent claim 41, Ooishi discloses:

- creating in a first computer a document data stream for output on a display device having a given font associated therewith, said document data stream being transmittable to a second computer (figures 1-3, col 4, lines 6-10, 40-51, col 5, lines 3-32, col 7, lines 3-15)
- providing font conversion information for replacing said given font with a target font in said second computer when the target font is not available in said second computer (figure 3, col 4, lines 41-59, col 6, lines 45-56: the code conversion table, which includes the conversion information, is provided for replacing the font file 7a with the target font 7b in the reception side 4b)
- transferring from a first computer to a second computer in a file with the document data stream said font conversion information together with and in

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direct association with the document data stream so that at any point in time at which the document data stream should be output by said second computer the font conversion information associated with the document data stream is available (figure 3, col 2, lines 40-55, col 4, lines 41-59, col 6, line 40 to col 7, line 28: document data and the font conversion information are transferred from the first computer to the second computer and the document data would be output with the font converted to be suitable at the second computer)

- in said second computer converting said document data stream to said target font by use of said font conversion information (col 6, line 65 to col 7, line 28)
- said document data stream comprising an advanced function presentation data stream, said font conversion information comprising a font conversion table stored in a resource file, and said resource file comprising an object container (figures 3 and 5, col 5, line 25 to col 6, line 29, 45-56: the delivery data is the presentation data stream with can be flexibly converted to be matched the font of the reception side, which is an advanced function; the font conversion information included in the file of the character code managing device, which is an object container 4a or 4b containing objects) where font conversion table provided as a resource (col 2, lines 35-55, col 5, lines 39-50, col 6, line 65 to col 7, line 23)

Ooishi does not disclose that:

- the object container is selected via a job corollary file executed by a resource pack program

Hohensee discloses a conventional AFP printing system for printing data streams containing page description information including EPS objects and PDF objects within the data stream where the print document description is provided to a conversion program with font and formatting data with a selection of the object container occurs via a job corollary file by a resource pack program (col 4, line 61 to col 5, line 51, col 6, line 11 to col 7, line 31).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Hohensee into Ooishi since said selection of the object container in Hohensee would provide the advantage to flexibly render the document data stream for output via printing as desired.

Claim 49 is for a system for performing method claim 41 and is rejected under the same rationale.

10. Claims 46-48, 54-56 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ooishi and Hohensee as applied in claim 41 above, and further in view of Manning (US Pat No. 6,043,826, 3/28/00, 9/2/97).

Regarding claim 46, which is dependent on claim 41, Ooishi discloses the document data and the font file at the second system (figure 3).

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Ooishi and Hohensee do not disclose rastered document data are generated character-by-character and pixel-by-pixel in a rastering process using the target font and the document data.

Manning discloses rastered document data are generated character-by-character and pixel-by-pixel in a rastering process using the target font and the document data (col 5, lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Manning into Ooishi and Hohensee for obtaining rastered document data based on the target font, which is the font file at the receiving side, and the data transmitted to the target system.

Regarding claim 47, which is dependent on claim 46, Ooishi and Hohensee do not disclose that the raster matrices are used in the rastering process in which dot patterns of associated characters are stored.

Manning discloses that the raster matrices are used in the rastering process in which dot patterns of associated characters are stored (col 5, lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Manning into Ooishi and Hohensee for obtaining dot patterns of the characters of data during rastering process.

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Regarding claim 48, which is dependent on claim 41, Ooishi and Hohensee do not disclose that the document data are generated pixel-by-pixel in a vector-allocation process using the target font and the document data.

Manning discloses that the document data are generated pixel-by-pixel in a vector-allocation process using the target font and the document data (col 5, lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Manning into Ooishi and Hohensee for obtaining data generated pixel-by-pixel using the target font in the data file at the receiving side and the data file transmitted to the receiving side.

Claims 54-56 are for a system for performing method claims 46-48, and are rejected under the same rationale.

Response to Arguments

11. Applicant's arguments with respect to claims 41, 46-49, 54-56 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Teshima (US 2003/0131321). Carter et al. (US 6,675,357).

Brown et al. (US 2004/0088657). Noguchi et al. (US 2005/0193337).

Chaudhri (US 2007/0016874). Cicchitelli et al. (US 7,197,707).

Berson et al. (US 7,197,706).

Wright, Requirements and Design Goals for an Internet Printing Protocol, ACM December 1998, pages 172-179.

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 571-272-4125. The examiner can normally be reached on Mon-Fri (8:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Cong-Lac Huynh
Primary Examiner
Art Unit 2178
7/5/07